



Salt Group

Company Overview



Salt Group provides organisations with secure service delivery opportunities that were once thought unattainable.

Salt Group is an Australian IT Security company helping businesses and organisations with their electronic service delivery needs. With particular focus on securing internet and mobile delivery channels across a range of business sectors and application areas.

Salt Group has a successful track record working with financial services, large corporations and government; to develop strategies and design solutions to enable businesses to better manage their risks and obligations in delivering services electronically; often incorporating mobile security products that have been developed in-house by Salt Group in Australia along with complementary third party best of breed products.



Salt Group's core business areas are –

- Product Development and Support
- Systems Integration and Consulting
- Product Reseller

Product Development & Support

Salt Group's Echidna technology is an enterprise grade Security Platform developed by Salt Group to support a range of high availability, high volume and high assurance security services in banks, government departments and enterprises globally.

Echidna Security Platform comprises of –

- Echidna Authentication Services – a central authentication service that enables a (MFA) multi-factor user authentication solution that is simple to manage and deploy.
- Mobile Tokens – to enable MFA through the use of mobile phones to generate OTP, C/R, Transaction Signing credentials.
- OATH Hardware Tokens – to enable 2FA through the use of specialised hardware security tokens to generate OTPs and Challenge/Response credentials.
- Echidna Connectors – to enable standards based interfaces for relying applications to use the Authentication Services.

Echidna Packaged Solutions are pre-selected combinations of Echidna components that have been pre-configured to provide convenient out-of-the-box solutions to cater for different contexts and application uses of the Echidna security platform. Echidna pre-packaged solutions include –

- Remote Network Access for high assurance authentication of remote users connecting to enterprise networks via VPNs, Citrix gateways or other RADIUS aware access points.
- MFA Authentication Services for any organisation that has a need to provide a higher level of user and instruction authentication through utilising multi-factor methods such as mobile or hardware security tokens





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Salt Group's flagship product family, Echidna has been actively developed since 2005 and is continually extended to incorporate new and emerging technologies such as Near Field Communications (NFC), Geo-Location and Biometrics. This ensures that our customers remain well placed to respond to evolving online security threats using modern authentication mechanisms that are fit for purpose and adaptive to ever changing risk profiles.

In the field, the Echidna product family has proven reliable, user-convenient and cost effective; Echidna Mobile has been deployed throughout Australia, New Zealand, South East Asia and in Europe where Echidna Mobile is marketed under the Thales SafeSign product line.

Salt Group's 'connected' token is demonstrably more secure than physical tokens and typical smartcard solutions for securing critical internet delivery authentications.

Product Reseller

Salt Group is a reseller of core Thales eSecurity products in the Asia Pacific region, in particular the Thales SafeSign suite and Thales nShield Hardware Security Modules (HSMs). Similarly, Thales eSecurity is a global reseller of Salt Group's Mobile products which are fully integrated with Thales SafeSign Authentication Server middleware.

Salt Group is a reseller of –

- Thales SafeSign authentication suite;
- Thales nShield and SafeSign Cryptographic Security Modules;
- Intercede's MyID product in Australia and New Zealand. MyID manages the secure registration and verification of identities and issuance and lifecycle management of devices and credentials.

Salt Group capabilities extend to writing Secure Execution Engine (SEE) code residing on nShield HSMs to create a Trusted Appliance where keys and applications can work together in a secure environment provided by FIPS 140-2 validated nShield HSMs.

Systems Integration & Consulting

Salt Group consulting services are underpinned by expert professionals with many years of practitioner experience and respect within Salt Group's focus areas.

Salt Group's expertise in risk assessment and management, and the design of 'appropriate' security solutions in the context of the business risk and objectives, unlike others who often seek to provide the 'ultimate' in security, regardless of the underlying

threats and risks. Salt Group consulting services provides expertise and experience in the following areas –

- Electronic Service Delivery
- Payment Systems including credit card, EFTPOS and emerging payment instruments
- Identity Management
- Internet & Mobile Channel user authentication and security
- Mobile application design and deployment
- Smart card application design and deployment
- Threat and Risk Assessment

Salt Group is experienced in systems integration services to develop end-to-end solutions that integrate systems, applications and packages to support business functions and security throughout the enterprise. Addressing a variety of integration challenges from specific integration requirements to complex enterprise programs.

Salt Group offers unmatched technical expertise in the Asia Pacific region across a wide spectrum of security technologies and industry leading platforms, including Thales eSecurity products, HSMs, Card Management Systems (CMS), Smartcard and PKI systems, Identity Management (IDM) and open systems.

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